INDEX TO VOLUME 5

This index covers the issues for 2001, as follows: January–March (Number 1), pages 1–126; April–June (Number 2), pages 127–230; July–September (Number 3), pages 231–330; and October–December (Number 4), pages 331–428.

SUBJECTS

Abdominal sonography, miniature device for aeromedical trauma, 399
Abstracts, NAEMSE 2001 annual meeting, 416
NAEMSP 2001 annual meeting, 101; 222
Accident(s), *see* Crash(es); Mass casualty incident(s)
Acute chest pain, gender bias in therapy for, 331
Acute coronary syndrome, pharmacotherapy for, 58
Acute myocardial infarction(s), *see* Myocardial infarction(s)
Adenosine, and conversion rates in paroxysmal supraventricular tachycardia, 353
Adolescent(s), long QT syndrome in male (case conference), 296
Advanced life support, cancellation by BLS personnel, 360
determining need for (letter), 125
diversion of ambulances, 23
drug treatment effect on outcomes and utilization, 252
AED(s), placement of, 247
Against medical advice, parental refusal of transport, 278
Age effect(s), on home visits by EMS, 19
Agitated delirium, restraining patient in (case conference), 214
Agitated patient(s), droperidol for sedation of, 391
Air medical setting, certified flight paramedic's role and education (position paper), 290
continuous quality improvement of liftoff times, 384
etomidate for rapid-sequence intubation, 142
intubation success rates and shift length, 340
midazolam and hypotension, 163
trauma sonography with miniature device, 399
Air medical transport(s), utility in large urban environment, 36
Airway management, *see also* Intubation(s)
continuous positive airway pressure for pulmonary edema, 190
endotracheal tube introducers, 155
end-tidal carbon dioxide monitoring, 208
laryngeal mask airway in polytrauma (case conference), 300
optimal ventilation, 73
Allergy, subcutaneous epinephrine in elderly, 200
ALS, *see* Advanced life support
Ambulance(s), alternate transport/destination (position paper), 289
diversion in large urban systems, 23
drug treatment effect on outcomes and utilization, 252
fatal crashes of, 261
in Karachi, Pakistan, 312
in Madagascar, 317
need determined by EMT protocols, 366
time savings with lights and sirens in rural area, 159
American College of Emergency Physicians, position on alternate ambulance transport/destination, 289
position on patient nontransport, 288
AMI(s), *see* Myocardial infarction(s)
Aminophylline, after failed CPR (case conference), 304
Amputation saw(s), improved handles for (letter), 415
Analgesia, narcotic, refusal of base station physicians to authorize (case conference), 293; (editorial), 327
Anaphylaxis, subcutaneous epinephrine in elderly, 200
Antiplatelet agent(s), in acute coronary syndrome, 58
Apprenticeship(s), for inexperienced paramedics, 379
Appropriateness, of cancellation of ALS by BLS personnel, 360
of emergency medical technician triage, 366
Aspirin, gender bias in administration of, 331
Asthma, subcutaneous epinephrine in elderly, 200
Asystole, physician interpretation of ECG waveforms, 147
Auerbach, P. S., Donner, H. J., Weiss, E. A., *Field Guide to Wilderness Medicine* (book review), 220
Automated external defibrillator(s), placement of, 247

INDEX TO VOLUME 5

This index covers the issues for 2001, as follows: January–March (Number 1), pages 1–126; April–June (Number 2), pages 127–230; July–September (Number 3), pages 231–330; and October–December (Number 4), pages 331–428.

SUBJECTS

Abdominal sonography, miniature device for aeromedical trauma, 399
Abstracts, NAEMSE 2001 annual meeting, 416
NAEMSP 2001 annual meeting, 101; 222
Accident(s), *see* Crash(es); Mass casualty incident(s)
Acute chest pain, gender bias in therapy for, 331
Acute coronary syndrome, pharmacotherapy for, 58
Acute myocardial infarction(s), *see* Myocardial infarction(s)
Adenosine, and conversion rates in paroxysmal supraventricular tachycardia, 353
Adolescent(s), long QT syndrome in male (case conference), 296
Advanced life support, cancellation by BLS personnel, 360
determining need for (letter), 125
diversion of ambulances, 23
drug treatment effect on outcomes and utilization, 252
AED(s), placement of, 247
Against medical advice, parental refusal of transport, 278
Age effect(s), on home visits by EMS, 19
Agitated delirium, restraining patient in (case conference), 214
Agitated patient(s), droperidol for sedation of, 391
Air medical setting, certified flight paramedic's role and education (position paper), 290
continuous quality improvement of liftoff times, 384
etomidate for rapid-sequence intubation, 142
intubation success rates and shift length, 340
midazolam and hypotension, 163
trauma sonography with miniature device, 399
Air medical transport(s), utility in large urban environment, 36
Airway management, *see also* Intubation(s)
continuous positive airway pressure for pulmonary edema, 190
endotracheal tube introducers, 155
end-tidal carbon dioxide monitoring, 208
laryngeal mask airway in polytrauma (case conference), 300
optimal ventilation, 73
Allergy, subcutaneous epinephrine in elderly, 200
ALS, *see* Advanced life support
Ambulance(s), alternate transport/destination (position paper), 289
diversion in large urban systems, 23
drug treatment effect on outcomes and utilization, 252
fatal crashes of, 261
in Karachi, Pakistan, 312
in Madagascar, 317
need determined by EMT protocols, 366
time savings with lights and sirens in rural area, 159
American College of Emergency Physicians, position on alternate ambulance transport/destination, 289
position on patient nontransport, 288
AMI(s), *see* Myocardial infarction(s)
Aminophylline, after failed CPR (case conference), 304
Amputation saw(s), improved handles for (letter), 415
Analgesia, narcotic, refusal of base station physicians to authorize (case conference), 293; (editorial), 327
Anaphylaxis, subcutaneous epinephrine in elderly, 200
Antiplatelet agent(s), in acute coronary syndrome, 58
Apprenticeship(s), for inexperienced paramedics, 379
Appropriateness, of cancellation of ALS by BLS personnel, 360
of emergency medical technician triage, 366
Aspirin, gender bias in administration of, 331
Asthma, subcutaneous epinephrine in elderly, 200
Asystole, physician interpretation of ECG waveforms, 147
Auerbach, P. S., Donner, H. J., Weiss, E. A., *Field Guide to Wilderness Medicine* (book review), 220
Automated external defibrillator(s), placement of, 247

Back board(s), pain of immobilization with, 270
Back pain, with hard spine board vs vacuum mattress, 270
Bag–valve–mask device(s), 73
Balloon pump(s), intra-aortic, interfacility ground transport of patients with, 395
Base station physician(s), refusal to authorize narcotics (case conference), 293; (editorial), 327
Basic life support, ability to determine need for ALS, 360
utilization of, with nurse telephone referral, 174
Beasley, B. M., West, M. C., *Understanding 12-Lead EKGs: A Practical Approach* (book review), 413
Benchmark(s), for inexperienced paramedics, 379
Bias(es), gender, in acute chest pain therapy, 331
Biphasic external defibrillation (erratum), 78
Bledsoe, B. E., Porter, R. S., Cherry, R. A., *Paramedic Care: Principles and Practice, Volume 3: Medical Emergencies, First Edition* (book review), 411
Blood pressure, with midazolam in rapid-sequence intubation, 163
BLS, *see* Basic life support
Board(s), pain of immobilization with, 270
Bone injection gun, for training paramedics in intravenous access, 181
Bone saw(s), improved handles for (letter), 415
Book reviews, 95; 217; 322; 411
Bystander cardiopulmonary resuscitation, in Singapore, 387

Caller(s), emotional content and cooperation scores of, 29
Campbell, J. E., *Basic Trauma Life Support International, Inc., BTLS: Basic Trauma Life Support for the EMT-B and First Responder, Third Edition* (book review), 219
Campbell, J. E. (ed), *Basic Trauma Life Support for Paramedics and Other Advanced Providers, 4th Edition* (book review), 322
Capillary glucose measurement(s), correlation with venous measurements, 275
Capnography, in prehospital setting, 208
Carbon dioxide monitoring, end-tidal, 208
Carbon monoxide poisoning (case conference), 407
Cardiac arrest(s), in agitated delirium (case conference), 214
aminophylline/vasopressin after failed CPR (case conference), 304
bystander CPR in Singapore, 387
chain of survival concept in, 237
effect on paramedic intubation performance, 10
futility criteria for pronouncement of death, 79
in Hong Kong, 308
nonresidential locations of, 247
physician interpretation of ECG waveforms, 147
Cardiac disease(s), pharmacotherapy for, 58
Cardiac ischemia, gender bias in therapy for, 331
Cardiopulmonary resuscitation, bystander, in Singapore, 387
in chain of survival, 237
end-tidal carbon dioxide monitoring in, 208
failed, aminophylline/vasopressin after (case conference), 304
survival in pediatric trauma patients, 6
Cardiovascular care, optimal, 65
Cerebrovascular disorder(s), transport times for stroke, 335
Certified flight paramedic(s), role and education of (position paper), 290
Cervical spinal immobilization, clinical clearance criteria in field, 88
CFP(s), role and education of (position paper), 290
Chain of survival, in cardiac arrest management, 237
Chest pain, gender bias in therapy for, 331
Children, *see* Pediatrics
Clearance criteria, cervical spinal, in field, 88
Clinical clearance criteria, cervical spinal, in field, 88
Closing of county, rapid response to (case conference), 52
Code 3, time savings in rural area, 159
Collision(s), ambulance fatalities, 261
Combative patient(s), restraining in agitated delirium (case conference), 214
sedation with droperidol, 391
Comfort, of spinal immobilization techniques, 270
Competence, in inexperienced paramedics, 379
Compliance, with equipment hygiene standards, 169
Complication(s), in endotracheal intubation, 134
Consent, as reason for base station physician refusal to authorize narcotics (case conference), 293; (editorial), 327
Consulting nurse(s), for nonurgent 911 calls, 174
Continuous positive airway pressure, for presumed pulmonary edema, 190
Continuous quality improvement, of helicopter liftoff times, 384
Convention(s), political, emergency medical planning for, 344
Conversion rate(s), for paroxysmal supraventricular tachycardia, 353
Cooperation score(s), of callers requesting EMS, 29
Coronary artery disease, gender bias in therapy for, 331
Cost–benefit, of trained escorts, in head-injured children, 1
Countywide closing and evacuation (case conference), 52
CPAP, for presumed pulmonary edema, 190
CPR, *see* Cardiopulmonary resuscitation
CQI, of helicopter liftoff times, 384
Crash(es), ambulance fatalities, 261
Criteria, for cervical spinal clearance in field, 88

Criteria *(cont.)*
futility, for pronouncement of death, 79
for need for EMS/ALS (letter), 125
Critical care paramedic(s) (position paper), 290
Curriculum(a), for certified flight paramedic (position paper), 290
for paramedics, research methods in (letter), 329
Cutdown(s), venous, training paramedics in, 181

De Lorenzo, R. A., Porter, R. S., *Tactical Emergency Care, Military and Operational Out-of-hospital Medicine* (book review), 99
Weapons of Mass Destruction: Emergency Care (book review), 217
Death(s), from ambulance crashes, 261
pronouncement of, futility criteria for, 79
sudden, agitated delirium and (case conference), 214
Decontamination, of equipment, practice patterns of, 169
Defibrillation, biphasic external (erratum), 78
in chain of survival, 237
Defibrillator(s), automated external, placement of, 247
Delay(s), with ambulance diversion in urban system, 23
reducing, in cardiovascular care, 65
Delirium, agitated, restraining patient in (case conference), 214
droperidol for sedation of, 391
Demographics, of home visits by EMS, 19
Denial of narcotics request, by base station physicians (case conference), 293; (editorial), 327
Diagnosis(es), of carbon monoxide poisoning (case conference), 407
Difficult airway(s), endotracheal tube introducers for, 155
failed intubation outcomes, 134
Disaster(s), countywide closing and evauation (case conference), 52
triage using START, 197
Disaster planning, for Republican National Convention, 344
Disinfection, of equipment, compliance with standards, 169
Dispatch, emotional content and cooperation scores of callers, 29
EMS protocols for (letter), 125
nurse telephone referral of nonurgent 911 calls, 174
Diversion, of ALS ambulances in urban system, 23
Drake, J. W., *Automated External Defibrillation* (book review), 95
Droperidol, sedation with, 391
Drug(s), for acute coronary syndrome, 58
Drug treatment, effect on outcomes and utilization, 252

ECG(s), *see* Electrocardiogram(s)
Education, *see also* Training
of certified flight paramedics (position paper), 290
paramedic training in intravenous access techniques, 181
Educational intervention, for triage of mass casualty incidents, 197
Edwards, S. T., *Fire Service Personnel Management* (book review), 218
Elderly, risk of subcutaneous epinephrine, 200
Electrocardiogram(s), gender bias in administration of, 331
in optimal cardiovascular care, 65
physician interpretation of VF waveforms, 147
Emergency and transport ventilator(s), 73
Emergency department(s), length of stay with prehospital drug treatment, 252
Emergency department course(s), in failed intubations, 134
Emergency medical dispatch, *see* Dispatch
Emergency medical planning, for Republican National Convention, 344
Emergency medical services, content in emergency medicine journals (letter), 125
demographics of home visits, 19
dispatch protocols (letter), 125
equipment hygiene practices of, 169
gender bias in, 331
international, *see* International EMS
nurse telephone referral program, 174
at Republican National Convention, 344
rural, *see* Rural EMS
tactical (position paper), 403
times for stroke vs myocardial infarction, 335
urban, *see* Urban EMS
Emergency medical services for children, survey for NHTSA re-assessments, 231
Emergency medical technician(s), basic, ability to determine need for ALS, 360
protocols for ambulance need determination, 366
triage of mass casualty incidents, 197
Emergency medicine journal(s), EMS content in (letter), 125
Emotional content and cooperation score(s), of callers requesting EMS, 29
EMS, *see* Emergency medical services
EMT(s), *see* Emergency medical technician(s)
Endotracheal intubation(s), assessment of paramedic performance, 10
failed, emergency department courses and outcomes, 134
rapid-sequence (position paper), 40
success rates and shift length, 340
Endotracheal tube introducer(s), paramedic use of, 155
Endotracheal tube placement, with end-tidal carbon dioxide monitoring, 208

End-tidal carbon dioxide monitoring, in prehospital setting, 208
Epinephrine, subcutaneous, risk to elderly, 200
Equipment, hygiene practices in EMS systems, 169
Error(s), effect of fatigue on intubation success, 340
Escort(s), trained, in head-injured children, 1
Etomidate, for rapid-sequence intubation in air medical setting, 142
Evacuation of county, rapid response to (case conference), 52
Evidence-based medicine, subcutaneous epinephrine in elderly, 200

Failed intubation(s), emergency department courses and outcomes, 134
FAST exam(s), miniature device for aeromedical trauma, 399
Fatality(ies), *see* Death(s)
Fatigue, effect on intubation success rates, 340
Fenstermacher, K., *Dysrhythmia Recognition and Management, Third Edition* (book review), 98
Ferrara, P. C., Colucciello, S. A., Marx, J., Verdile, V., Gibbs, M., *Trauma Management: An Emergency Medicine Approach* (book review), 412
Fibrinolysis, in acute coronary syndrome, 58
Field pronouncement of death, futility criteria for, 79
Field training officer(s), for inexperienced paramedics, 379
Firefighter(s), ability to determine need for ALS, 360
Flight paramedic(s), certified, role and education of (position paper), 290
Florida, closing and evacuation of county (case conference), 52
Focused abdominal sonography for trauma, miniature device for aeromedical trauma, 399
Futility criteria, for pronouncement of death, 79

Gender bias, in acute chest pain therapy, 331
Gigli saw handles (letter), 415
Glucose measurement(s), capillary vs venous, 275
Greaves, I., Hodgetts, T., Porter, K. (eds), *Emergency Care: A Textbook for Paramedics* (book review), 97
Guidelines, for EMT triage, 366
  equipment hygiene, compliance with, 169

Handle(s), for amputation saw (letter), 415
Hard board(s), pain of immobilization with, 270
Head injury(ies), midazolam in rapid-sequence intubation, 163
  pediatric, trained transport teams in, 1
Heart arrest(s), *see* Cardiac arrest(s)
Helicopter(s), *see also* Air medical setting; Air medical transport(s)
  continuous quality improvement of liftoff times, 384
Helicopter emergency medical services, certified flight paramedic's role and education (position paper), 290
HEMS, certified flight paramedic's role and education (position paper), 290
Home visit(s), by EMS, demographics of, 19
Hong Kong, cardiac arrests in, 308
Hospital utilization, drug treatment effect on, 252
Human patient simulator, as training tool, 284
Hygiene, equipment, EMS system practices, 169
Hypotension, from midazolam in rapid-sequence intubation, 163
Hysteria, in callers requesting EMS, 29

Illness severity, pediatric, pretransport variables to measure, 127
Immobilization, pain with different techniques, 270
  spinal, clinical clearance criteria in field, 88
Infarction(s), *see* Myocardial infarction(s)
Infection control, equipment hygiene practices, 169
Informed consent, as reason for base station physician refusal to authorize narcotics (case conference), 293; (editorial), 327
Injury surveillance, of home visits by EMS, 19
Interfacility ground transport(s), of patients with intra-aortic balloon pumps, 395
International EMS, ambulance use in Karachi, Pakistan, 312
  ambulance use in Madagascar, 317
  bystander CPR rate in Singapore, 387
  cardiac arrest in Hong Kong, 308
Interpretation(s), of electrocardiographic VF waveforms, 147
Intra-aortic balloon pump(s), interfacility ground transport of, 395
Intramuscular droperidol, for sedation, 391
Intraosseous access, training paramedics in, 181
Intravenous access, training paramedics in, 181
Introducer(s), endotracheal tube, paramedic use of, 155
Intubation(s), assessment of paramedic performance of, 10
  with endotracheal tube introducer, 155
  failed, emergency department courses and outcomes, 134
  rapid-sequence, etomidate in air medical setting, 142
  rapid-sequence (position paper), 40
  retrograde (case conference), 49
  success rates and shift length, 340
Ischemia(s), cardiac, gender bias in therapy for, 331

Journal(s), EMS content in (letter), 125
Joyce, E. V., Villanueva, M. E., *Say It in Spanish: A Guide for Health Care Professionals, Second Edition* (book review), 95

Karachi, Pakistan, ambulance use in, 312

Laryngeal mask airway(s), in polytraumatized patients (case conference), 300
Law enforcement special operations medical support (position paper), 403
Length of stay, with prehospital drug treatment, 252
Liftoff time(s), continuous quality improvement of, 384
Lights and sirens, time savings in rural area, 159
Limb amputation(s), saw handles for (letter), 415
LMA(s), in polytraumatized patients (case conference), 300
Long QT syndrome, in teenaged male (case conference), 296

Madagascar, ambulance use in, 317
Mass casualty incident(s), triage using START, 197
Mass gatherings, planning for Republican National Convention, 344
Mattress(es), vacuum, vs hard board immobilization, 270
Media reviews, 95; 217; 322; 411
Medical command, refusal to authorize narcotics (case conference), 293; (editorial), 327
Memorial, for Keith Neely, 226
Mentoring, of inexperienced paramedics, 379
Midazolam, for rapid-sequence intubation, hypotension from, 163
Miniature ultrasound unit, for aeromedical trauma sonography, 399
Minor(s), *see* Adolescent(s); Pediatrics
Minor illness/injury, paramedic treatment and referral of, 371
Mistovich, J. J., Hafen, B. Q., Karren, K. J.; Werman, H. A. (ed), *Prehospital Emergency Care, 6th Edition* (book review), 323
Monitoring, end-tidal carbon dioxide, 208
Morphine, base station physician refusal to authorize (case conference), 293; (editorial), 327
Mortality, pediatric, prediction with pretransport variables, 127
Motor vehicle crash(es), ambulance fatalities, 261
Myocardial infarction(s), acute, optimal care of, 65
  transport times for, vs stroke, 335
Myocardial ischemia(s), gender bias in therapy for, 331

Narcotic(s), base station physician refusal to authorize (case conference), 293; (editorial), 327
National Association of EMS Educators, 2001 annual meeting abstracts, 416
National Association of EMS Physicians, 2001 annual meeting abstracts, 101; 222
  position on alternate ambulance transport/destination, 289
  position on law enforcement special operations medical support, 403
  position on patient nontransport, 288
  position on rapid-sequence intubation, 40
  position paper on PASG (erratum), 173
National Flight Paramedics Association, position on certified flight paramedic's role and education, 290
National Highway Traffic Safety Administration, pediatric survey for re-assessment program, 231
Neely, Keith, memorial for, 226
NHTSA, pediatric survey for re-assessment program, 231
911 call(s), nonurgent, nurse telephone referral for, 174
Nonresidential cardiac arrest(s), placement of automated external defibrillators, 247
Nontransport, of patients (position paper), 288
Nonurgent 911 call(s), nurse telephone referral for, 174
Nosocomial disease, equipment hygiene practices, 169
Nurse(s), telephone referral to, for nonurgent 911 calls, 174

Oligoanalgesia, base station physician refusal to authorize narcotics (case conference), 293; (editorial), 327
Online physician(s), refusal to authorize narcotics (case conference), 293; (editorial), 327
Opioid(s), *see* Narcotic(s)
Outcome(s), *see also* Survival
  of cardiac arrest in Hong Kong, 308
  in cardiac arrest management, 237
  of children whose parents refuse transport, 278
  effect of drug treatment on, 252
  in failed intubations, 134
Out-of-hospital cardiac arrest(s), *see* Cardiac arrest(s)
Oversight, base station physician refusal to authorize narcotics (case conference), 293; (editorial), 327
Oxygen, continuous positive airway pressure for pulmonary edema, 190

Pain, with spinal immobilization techniques, 270
Pain relief, narcotic, base station physician refusal to authorize (case conference), 293; (editorial), 327
Pakistan, ambulance use in, 312
Paramedic(s), assessment of intubation performance, 10
  flight, certified, role and education of (position paper), 290
  inexperienced, mentoring of, 379
  training in research methods (letter), 329
  treatment and referral of minor illness/injury, 371
  triage of mass casualty incidents, 197
  use of endotracheal tube introducers, 155

Paramedic student(s), intravenous access techniques for, 181
Parental refusal of transport, outcomes of children, 278
Paroxysmal supraventricular tachycardia, conversion rates with adenosine, 353
Patient simulator, as training tool, 284
Patient status, in intubation performance assessment, 10
Pediatric survey, for NHTSA re-assessments, 231
Pediatrics, end-tidal carbon dioxide monitoring, 208
outcomes when parents refuse transport, 278
pretransport variables to measure illness severity, 127
survival in trauma patients receiving CPR, 6
trained transport teams in head injuries, 1
Performance assessment(s), of intubation by paramedics, 10
Physician(s), base station, refusal to authorize narcotics (case conference), 293; (editorial), 327
interpretation of ECG VF waveforms, 147
Pittsburgh, nonresidential cardiac arrest locations, 247
Planning, for Republican National Convention, 344
Pneumatic anti-shock garment, position paper on (erratum), 173
Poisoning(s), carbon monoxide (case conference), 407
Police, special operations medical support (position paper), 403
Political convention(s), emergency medical planning for, 344
Polytrauma, laryngeal mask airway in (case conference), 300
Position paper(s), on alternate ambulance transport/destination, 289
on certified flight paramedic's role and education, 290
on law enforcement special operations medical support, 403
on patient nontransport, 288
on pneumatic anti-shock garment (erratum), 173
on rapid-sequence intubation, 40
Positive airway pressure, continuous, for presumed pulmonary edema, 190
Posttraumatic circulatory arrest, resuscitation termination guidelines, 79
Practice patterns, of equipment hygiene in EMS systems, 169
subcutaneous epinephrine in elderly, 200
Prediction, of pediatric mortality, with pretransport variables, 127
of survival, in pediatric trauma patients receiving CPR, 6
Prehospital cardiac arrest(s), *see* Cardiac arrest(s)
Prehospital care, true role of (*Sirens* essay), 251
Prehospital provider(s), *see also* Emergency medical technician(s); Paramedic(s)
experience with human patient simulator, 284
training in intravenous access techiques, 181
triage of mass casulaty incidents, 197
Pretransport variables, to measure pediatric illness severity, 127
Procedure(s), intravenous access training for paramedic students, 181
Pronouncement of death, futility criteria for, 79
Protocol(s), for EMT triage, 366
Psychomotor agility, effect of shift length on intubation success, 340
Public-access defibrillation, placement of AEDs, 247
Pulmonary edema, continuous positive airway pressure for, 190

QT interval(s), prolonged, in teenaged male (case conference), 296
Quality improvement, of helicopter liftoff times, 384

Rapid response, to countywide closing and evacuation (case conference), 52
Rapid-sequence intubation(s), etomidate in air medical setting, 142
midazolam and hypotension, 163
position paper on, 40
Re-assessment(s), pediatric survey for NHTSA, 231
Recommendation(s), for mentoring inexperienced paramedics, 379
Referral program, telephone, for nonurgent 911 calls, 174
Refusal of transport, parental, children's outcomes after, 278
Refusal to authorize narcotics, by base station physicians (case conference), 293; (editorial), 327
Republican National Convention, emergency medical planning for, 344
Research methods, paramedic training in (letter), 329
Respiratory arrest, in agitated delirium (case conference), 214
Respiratory failure, continuous positive airway pressure in, 190
Response time(s), continuous quality improvement of liftoff times, 384
Restraint(s), in agitated delirium (case conference), 214
Resuscitation, *see also* Cardiopulmonary resuscitation
futility criteria for pronouncement of death, 79
Retrograde intubation(s), in multiple trauma (case conference), 49
Risk(s), with subcutaneous epinephrine in elderly, 200
Robertson, J. C., *Introduction to Fire Prevention, Fifth Edition* (book review), 325
Rural EMS, in Madagascar, 317
time savings with lights and sirens, 159

Safety, fatal ambulance crashes, 261
of transfer of patients with intra-aortic balloon pumps, 395
Sanders, M. J., *Mosby's Paramedic Textbook, Second Edition* (book review), 324
Saphenous vein cutdown, training paramedics in, 181
Satisfaction, patient, with nurse telephone referral program, 174
provider, with human patient simulator, 284
Saw(s), amputation, improved handles for (letter), 415
Scope of practice, EMT triage, 360; 366
paramedic treatment and referral of minor illness/injury, 371
Screening, for carbon monoxide exposure (case conference), 407
Sedation, with intramuscular droperidol, 391
Sedative(s), etomidate for intubation in air medical setting, 142
midazolam in rapid-sequence intubation, 163
Seizure disorder(s), long QT syndrome in teenaged male (case conference), 296
Severity of illness, pediatric, pretransport variables to measure, 127
Shelter(s), in countywide closing and evacuation (case conference), 52
Shift length(s), effect on intubation success rates, 340
Shock(s), biphasic (erratum), 78
Simple triage and rapid treatment, for mass casualty incidents, 197
Simulator(s), human patient, as training tool, 284
Singapore, bystander CPR rates in, 387
Siren(s), lights and, time savings in rural area, 159
Sirens, "Double Whammy" (poem), 316
"For My Doctor, My Friend Who Retired" (poem), 5
"Hands (for all health care practitioners)" (poem), 87
"Migraineur" (poem), 28
"The Suicide Thing" (poem), 158
"The True Role of Prehospital Care" (essay), 251
"What the EMT Likes and Doesn't" (poem), 146
"Winter's Depression" (poem), 339
Skill(s), effect of shift length on intubation success, 340
paramedic intubation performance assessment, 10
Sleep deprivation, effect on intubation success, 340
Sonography, trauma, aeromedical, with miniature device, 399
Special needs shelter(s), in countywide closing and evacuation (case conference), 52
Special operations medical support, law enforcement (position paper), 403
Spinal immobilization, clinical clearance criteria in field, 88
pain with different techniques, 270
Spine board(s), pain of immobilization with, 270
Stack, L. B., Storrow, A. B., Morris, M. B., Patton, D. R., *Handbook of Medical Photography* (book review), 414
Standards, equipment hygiene, compliance with, 169
START, for mass casualty incidents, 197
Stroke(s), transport times for, vs myocardial infarction, 335
Student(s), paramedic, intravenous access techniques for, 181
Subcutaneous epinephrine, risk to elderly, 200
Sudden death(s), agitated delirium and (case conference), 214
long QT syndrome in teeanged male (case conference), 296
Survey(s), pediatric, for NHTSA re-assessments, 231
Survival, with aminophylline/vasopressin after failed CPR (case conference), 304
in paramedic intubations, 10
in pediatric trauma patients receiving CPR, 6
Symptom relief drug program, effect on outcomes and utilization, 252
Synchronized electrical cardioversion, adenosine effect on, 353
Syncope, long QT syndrome in teenaged male (case conference), 296
System review(s), pediatric survey for, 231
Systolic blood pressure, with midazolam in rapid-sequence intubation, 163

Tachycardia(s), *see* Paroxysmal supraventricular tachycardia
Tactical EMS (position paper), 403
Technical Assistance re-assessment program, pediatric survey for, 231
Teenager(s), long QT syndrome in male (case conference), 296
Telephone referral program, for nonurgent 911 calls, 174
TEMS (position paper), 403
Thrombolytic(s), in optimal cardiovascular care, 65
Time(s), with ambulance diversion in urban systems, 23
to intubation, in assessment of paramedic performance, 10
transport, for stroke vs myocardial infarction, 335
Time savings, with lights and sirens in rural area, 159
Traffic crash(es), ambulance fatalities, 261
Trained transport team(s), cost–benefit, in head-injured children, 1
Training, *see also* Education
human patient simulator in, 284
in research methods, for paramedics (letter), 329
Training officer(s), for inexperienced paramedics, 379
Tranquilization, of combative patients, with droperidol, 391

Transfer(s), of patients with intra-aortic balloon pumps, 395
pediatric, predicting mortality in, 127
Transport(s), *see also* Ambulance(s); Transfer(s)
air, etomidate for rapid-sequence intubation, 142
air medical, utility in large urban environment, 36
EMT determination of need, 366
to homes, demographics of, 19
in Karachi, Pakistan, 312
in Madagascar, 317
refusal of, by parents of minors, 278
Transport team(s), trained, cost–benefit of, 1
Transport time(s), for stroke vs myocardial infarction, 335
Trauma, laryngeal mask airway in (case conference), 300
multiple, retrograde intubation in (case conference), 49
predicting pediatric survival in CPR, 6
Trauma sonography, aeromedical, with miniature device, 399
Traumatic brain injury, midazolam in rapid-sequence intubation, 163
Treatment and referral, paramedic, of minor illness/injury, 371
Triage, by basic life support personnel, 360
with emergency medical technician protocols, 366
of mass casualty incidents, 197
optimal, in cardiovascular care, 65
Triage tool(s), for need for EMS/ALS (letter), 125
Tube placement, with end-tidal carbon dioxide monitoring, 208
Turtle Creek conference proceedings, 57–94; 237

Ultrasound unit(s), miniature, for aeromedical trauma sonography, 399
Undertriage, by basic life support personnel, 360
by emergency medical technicians, 366
Urban EMS, air medical transport utility in, 36
diversion of ALS ambulances, 23
in Madagascar, 317
Utilization, of BLS, with nurse telephone referral, 174
hospital, drug treatment effect on, 252

Vacuum mattress(es), vs hard board immobilization, 270
Vasopressin, after failed CPR (case conference), 304
Venous cutdown, training paramedics in, 181
Venous glucose measurement(s), correlation with capillary measurements, 275
Ventilation, *see* Airway management
Ventricular fibrillation, physician interpretation of ECG waveforms, 147

Warning lights and sirens, time savings in rural areas, 159
Waveform(s), ventricular fibrillation, physician interpretation of, 147
Wildfire(s), countywide closing and evacuation (case conference), 52
Women, chest pain therapy gender bias, 331

Authors

Abbrescia K, 112
Abernathy T, 252
Adams P, 114
Aghababian RV, 237
Alcorta RL, 101
Ali FH, 109
Allan R, 353
Allen TL, 340
Almquist AM, 217
Alshanti M, 104
Anantharaman V, 224; 387
Angelini MP, 121
Anton AR, 107
Arcona S, 197
Asaeda G, 36
Atcheson R, 366
Athey J, 231

Baez AA, 113
Bailey B, 231
Bailey D, 101
Bailey ED, 102; 103; 106; 117; 119; 120
Barbieri S, 300
Barnes TA, 10
Baskerville J, 270
Bass RR, 101
Battles S, 124
Beck PW, 413
Berg DM, 344
Bernard S, 103
Bhende MS, 208
Bilaj F, 225
Billittier AJ IV, 117
Bills D, 127
Bitner L, 102; 103
Black C, 102; 122
Blackwell TH, 73; 79; 88; 99; 103; 113
Blanton DM, 79
Bobrow B, 111
Bond WF, 284
Bonfiglio AX, 412
Bozeman WP, 415
Brabson TA, 112; 113; 395
Bradley RN, 104
Branas CC, 6
Brandt P, 107; 331
Branson RD, 190
Brenneman F, 224
Brewer K, 104
Brice JH, 65; 335
Brinsfield K, 105; 108; 110; 119
Britt ME, 111
Brown LH, 125; 155; 416; 417
Bunk C, 395
Burgess RJ, 110; 121
Burmeister D, 113

Callaway CW, 104; 105; 147
Calloway CW, 108
Campbell J, 119
Cary SA, 110
Casper K, 108
Cesner D, 407
Chambers R, 124
Chan L, 275
Chan TC, 278
Chang H, 223
Chang WC, 223
Chase C, 384
Cherson A, 36
Chiumento SF, 108
Clawson JJ, 29
Cohen HC, 115
Cola LA, 344
Colbry K, 366
Cole J, 110; 118
Coll WE, 123
Collins P, 103
Collins-Brown J, 324
Cone DC, 124; 169; 200; 312; 327; 360

Coontz D, 222
Criss EA, 416; 417
Crocco T, 106; 116
Cross DA, 270
Crupi RS, 304
Culley L, 174
Cunnius PE, 97

Dailey M, 108
Datta P, 106
Davis DP, 101; 163
Davis EA, 108
De Maio VJ, 107
Delbridge TR, 73; 118; 340
DeMartino DJ, 98; 416
DeVries I, 224
Di Giulio M, 300
Dickinson ET, 293
Dieckmann RA, 231
DiSabatino A, 102; 103
Dolcimascolo G, 316
Domeier RM, 40; 65; 88
Dong C, 111
Dong SL, 353
Dougherty A, 102; 103
Dougherty J, 124
Doyle C, 115
Dragotta M, 127
Dula DJ, 118
Duncan BR, 99; 103; 113
Dunford JV, 65; 79; 278

Eisenberg M, 174
Emberger J, 106
Epstein JL, 324
Erdos MS, 107
Ernst AA, 19
Evenson KR, 335

Fales WD, 109; 121
Falk J, 58
Farina J, 417
Farrell RN, 109
Federiuk C, 366
Feltracco P, 300
Ferrazzi S, 252
Fertig KC, 105
Fildes J, 111
Fischer M, 105
Fisher R, 278
Fitzgerald M, 103
Floccare DJ, 101
Fosnocht DE, 111; 142
Frank RL, 247
Frasure H, 124
French WA, 87
Froemel E, 116
Frye S, 115
Fuchs S, 116
Fuller D, 366
Funk DL, 275; 322

Gabbay DS, 293
Galloway J, 110
Gant PT, 107
Garfinkel MD, 104; 147
Garza AG, 222
Gavigan MD, 121
Gebhart ME, 95
Geiderman JM, 23
Germain S, 146
Gibson S, 417
Giordano L, 36
Gisch TM, 122
Godfrey B, 107; 331
Gohil V, 124
Goldberg P, 174
Goldfarb AS, 121
Goldfeder BW, 52
Goodman CS, 169
Gordon S, 116
Gorlato P, 300
Gough JE, 104; 125
Gratton M, 222
Gregor R, 223
Gregory M, 155
Griswell JK, 58; 79
Gryniuk J, 290
Gullett T, 106; 116

Hainsworth C, 106
Hall WL II, 122
Halper R, 344
Hankins DG, 88
Hare S, 344
Harvey RL, 123
Hauswald M, 117; 123
Hearne T, 174
Heck JJ, 111; 403
Hedges JR, 226
Heegaard W, 102
Heimer AA, 109
Heller MB, 197; 399
Henderson SO, 214
Hick JL, 116; 391
Hill B, 19
Ho J, 122; 159
Hogue TD, 110
Hopkins J, 102; 103
Hornung R, 106; 116
Hoyt D, 101
Hsieh M, 105; 108
Hubble MW, 181
Hutson HR, 109; 120
Huynh T, 6
Hvisdas R, 344

Idestrup C, 106

Jambrosic M, 123
Janosky JE, 127
Jaslow D, 119; 407
Jastremski MS, 110
Jauch E, 106; 116
Jones RA, 296

Kahn CA, 261
Kalish MA, 101
Kallenborn JC, 114; 123
Kamper M, 371
Kan PG, 308
Kaye KL, 122
Kelly JJ, 113
Kennedy J, 120
Kerns R, 115
Kim GW, 304
Kim JY, 23
Kim SH, 304
Kimbro TA, 163
King WD, 127
Kinsey KA, 123
Klimes J, 224
Koenigsberg MD, 118
Korn CS, 214
Kosowsky JM, 112; 190
Kostenbader J, 399
Kostenbader M, 284
Kudenchuk PJ, 237
Kuhn EM, 261
Kusick M, 36

LaCovey DC, 208
Lane P, 113
Lappe M, 116; 391
Larmon B, 416; 417
Lateef F, 387
Lauder CT, 102; 103; 106; 117; 120
Lawson L, 104
Layon AJ, 52
Lazzara P, 116
Le DH, 155
Lee CC, 304
Lee D, 120
Legare TB, 335
Lerner EB, 117; 119
Leung LP, 308
Levick NR, 102
Li G, 102
Liaw MW, 223
Lightfoot CB, 104; 105; 147
Lim SH, 224
Lin CS, 223
Lindquist M, 159
Lo CB, 308
Lugo-Amador N, 110
Lutz N, 275

Ma OJ, 223
Mackan MD, 416; 417
MacMillan D, 124
Macnab AJ, 1
Mahoney BD, 116; 371; 391
Mann NC, 120; 366
March JA, 104; 123
Marchetta M, 416; 417
Margoils G, 417
Marshall L, 101
Mawhinney SW, 113
Mazza C, 224
McCallum AL, 353
McCarthy JF, 284; 399
McCloskey KA, 127
McDermott J, 105
McEachin C, 105
McEwen S, 252
McGuire TJ, 218; 329
McNeil J, 103
Mears G, 237
Mechem CC, 344
Megargel RE, 10; 102; 103; 117; 120
Melanson SW, 399
Mencl F, 223; 224
Menegazzi JJ, 104; 105; 147; 247
Messenger DW, 109
Metcalf WR, 327
Michael J, 231
Michieletto E, 300
Millard W, 107
Miller AM, 123
Miller RN, 117
Millward L, 223
Minczak B, 112
Moore W, 111
Morris DL, 335
Morrison LJ, 109; 113; 121; 353
Moscati RM, 117; 119
Mosesso VN, 114; 114

Moyer BK, 118
Muhr M, 120
Murray JA, 174
Myers B, 103; 113

Neely KW, 120; 125
Neff RJ, 111; 142
Nelson S, 371
Neubauer JM, 222
Nicholas D, 340
Noble E, 222
Norton RL, 120

O'Brien DJ, 114; 123
O'Connor RE, 10; 40; 58; 102; 103; 106; 117; 119; 120; 134
Ochs M, 101
Ornato JP, 57; 58; 65; 73; 79; 88; 237
Orr RA, 127
Orthober R, 123
Overton J, 65; 237

Pacella C, 118
Packer CR, 114; 114
Pagane J, 107; 331
Pancioli A, 106; 116
Park KS, 214
Pascual R, 105
Pasquerella C, 102
Patrick I, 103
Peerbaye Y, 121; 224
Penner GE, 395
Penner M, 124
Pepe PE, 79
Perina D, 384
Perron AD, 6
Persse D, 58
Peterson J, 371
Pham KTC, 200
Phillips J, 19
Pierluisi G, 403
Pinney T, 366
Pio B, 116
Pirrallo RG, 65; 261
Plorde M, 174
Pointer JE, 379
Polk DA, 416; 417
Pomodoro B, 119
Ponko J, 118
Price TG, 114; 123; 222

Racht EM, 79; 123
Rahman E, 102; 103
Ramalanjaona G, 317
Rastogi R, 220
Rausch MA, 110; 247
Razzak JA, 312
Reed DB, 110; 155
Reese CL, 102; 103
Rehmani R, 312
Rickens M, 247
Risavi BL, 197
Rivera-Rivera EJ, 88; 95
Rjepaj K, 225
Roberts D, 120
Rochet AP, 114
Rodenberg H, 112
Rolfe KC, 52
Romano SA, 107
Rosamond WD, 335
Rosen P, 101
Rothrock SG, 107; 331
Rubinstein H, 134
Ryther CT, 416; 417

Safdar B, 200
Sahni R, 49; 121
Salen PN, 197
Salvaterra F, 300
Sayah AJ, 109; 115; 120
Sayre MR, 112; 190
Scalone A, 300
Schelew W, 102
Schmidt TA, 120; 366
Schnyder M, 10; 106; 117; 120
Schoenstein LJ, 104
Schroeder EB, 335
Schwab RA, 223
Schwartz B, 106; 110; 121
Scott KK, 114
Seltzer AG, 278
Shackelford DP, 121
Sherman LD, 104; 105; 147
Shields D, 28; 158; 339
Silka PA, 23
Silvestri S, 107; 331
Simich SM, 416
Sinclair R, 29
Sing RF, 6
Sivakoff GR, 117; 120
Skiendzielewski JJ, 118
Slattery DE, 111
Sloan EP, 118
Slovis CM, 58
Smith DG, 110
Smith SC, 323
Smith WR, 174
Snyder G, 110
Sorensen TJ, 104; 147
Spagna A, 300
Spitler KR, 325
Sporer KA, 251
Stageberg JE, 121
Stana J, 224
Stephanides SL, 112; 190
Stephens EG, 114; 123
Stevens MH, 340
Storrow AB, 58
Streger MR, 219
Stromski CJ, 399
Su WY, 113
Summers J, 109
Sun C, 1
Swanson ER, 111; 142
Sweeney TA, 120; 134
Swor RA, 57; 58; 65; 73; 79; 88; 105; 296
Syrett JI, 108

Tarantino DP, 101
Thom S, 407
Thompson C, 224
Thompson M, 112
Thorpe WH Jr, 115
Tomas P, 223
Tong HK, 308
Tracy JA, 109; 120
Trigg DC, 181
Trione J, 414
Tritcherler B, 417
Tyson SJ Jr, 123

Ufberg J, 407
Ukasik J, 407

Valenzuela T, 65
Venkataraman ST, 127
Verbeek PR, 109
Verdile VP, 275
Vermeulen MJ, 106; 109; 353
Vickers SM, 102; 103; 119; 120
Vilke GM, 163; 278
Vukick DJ, 415

Wachsmuth J, 223
Walters WA, 225
Waltner-Toews D, 252
Wang HE, 10; 40; 134
Warden C, 120
Warren C, 115
Watson MJ, 118
Watts BA, 103; 113
Wayne MA, 73
Weber E, 116
Weinstein C, 108; 119
Weinstein G, 155; 417
Weintraub B, 116
Weir WB, 118
Weiss SJ, 19
Welsford M, 411
Wensley DF, 1
Wesentheil J, 103
White D, 105
Whitehead R, 5
Williams JB, 49
Wiltsek D, 116
Wise S, 112
Wittwer L, 120
Wolfram W, 115
Wolfson AB, 110
Wong TW, 308
Wood IB, 123
Wydro GC, 225; 360
Wylie L, 118

Yahn SJ, 107
Yeh EL, 225

Zachariah B, 58